

WHAT IS CLAIMED IS:

1. A mobile communication terminal comprising:
position information acquiring means for
acquiring position information;

5 photographing means for acquiring images of
field;

position information assigning means for
associating each of the images, which are acquired by
the photographing means in a predetermined time
10 interval, with the position information which is
acquired by the position information acquiring means
and specifies the position at which the image is
acquired;

15 video generating means for generating a video
including frames each associated with the position
information concerning the acquired position, based on
a plurality of images which are photographed by the
photographing means and include the images each
associated with the position information by the
20 position information assigning means;

storage means for storing the video generated by
the video generating means and items of the position
information which are associated with the frames
included in the video; and

25 transmitting means for transmitting the video and
the items of position information associated with the

frames included in the video, which are stored in the storage means.

2. The mobile communication terminal according to claim 1 further comprising:

5 frame rate adjusting means for adjusting the frame rate of the video, based on a plurality of images acquired by the photographing means including the images each associated with the position information by the position information assigning means, the frame rate adjusting means dividing the plurality of images into a plurality of groups including a predetermined number of images based on the order in which the images are acquired, determining, for each of the groups, direction information indicating the direction of a travel locus based on the position information associated with the predetermined number of images in the corresponding group, setting, for each of the groups, a frame rate for the video based on the predetermined number of images in the corresponding group to a first frame rate when a direction change amount based on the direction information determined for the corresponding group and the direction information determined for at least one of the previous group and the next group is larger than a predetermined amount and settings the frame rate to a second frame rate lower than the first frame rate when the direction

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change amount is equal to or smaller than the predetermined amount;

5 wherein the video generating means generates the video using the plurality of images, according to the frame rate determined for each of the plurality of groups.

3. A mobile communication terminal comprising:
10 receiving means for receiving a video which includes frames each associated with position information for specifying the acquired position, and items of the position information;

position information acquiring means for acquiring position information;

15 searching means for specifying, among the items of position information received by the receiving means, the position information corresponding to the position information acquired by the position information acquiring means to specify the frame of the video associated with the specified position 20 information; and

playback means for displaying the frame of the video specified by the searching means.

25 4. The mobile communication terminal according to claim 3, wherein the playback means displays the video received by the receiving means,

the mobile communication terminal further

comprises map display means for displaying two-dimensional map information and displaying, by superimposing on the two-dimensional map information, a travel locus based on the items of position information 5 associated with the frames of the video displayed by the playback means.

5. A mobile communication terminal comprising:
position information acquiring means for acquiring position information;

10 photographing means for acquiring images of field;

position information assigning means for associating each of the images, which are acquired by the photographing means in a predetermined time 15 interval, with the position information which is acquired by the position information acquiring means and specifies the position at which the image is acquired;

20 video generating means for generating a video including frames each associated with the position information concerning the acquired position, based on a plurality of images which are photographed by the photographing means and include the images each associated with the position information by the 25 position information assigning means;

storage means for storing the video generated by

the video generating means and items of the position information which are associated with the frames included in the video;

5 searching means for specifying, among the items of position information stored in the storage means, the position information corresponding to the position information acquired by the position information acquiring means to specify the frame of the video associated with the specified position information; and

10 playback means for displaying the frame of the video specified by the searching means.

6. The mobile communication terminal according to the claim 5, wherein the playback means displays the video stored in the storage means,

15 the mobile communication terminal further comprises map display means for displaying two-dimensional map information and displaying, by superimposing onto the two-dimensional map information, a travel locus based on the position information associated with frames of the video displayed by the playback means.

20 7. The mobile communication terminal according to claim 5 further comprising:

25 frame rate adjusting means for adjusting the frame rate of the video, based on a plurality of images acquired by the photographing means including the

images each associated with the position information by the position information assigning means, the frame rate adjusting means dividing the plurality of images into a plurality of groups including a predetermined number of images based on the order in which the images are acquired, determining, for each of the groups, direction information indicating the direction of a travel locus based on the position information associated with the predetermined number of images in the corresponding group, setting, for each of the groups, a frame rate for the video based on the predetermined number of images in the corresponding group to a first frame rate when a direction change amount based on the direction information determined for the corresponding group and the direction information determined for at least one of the previous group and the next group is larger than a predetermined amount and settings the frame rate to a second frame rate lower than the first frame rate when the direction change amount is equal to or smaller than the predetermined amount;

wherein the video generating means generates the video using the plurality of images, according to the frame rate determined for each of the plurality of groups.

8. A program for causing a mobile

communication terminal to operate as;
position information acquiring means for acquiring
position information;

photographing means for acquiring images of
5 field;

position information assigning means for
associating each of the images, which are acquired by
the photographing means in a predetermined time
interval, with the position information which is
10 acquired by the position information acquiring means
and specifies the position at which the image is
acquired;

video generating means for generating a video
including frames each associated with the position
15 information concerning the acquired position, based on
a plurality of images which are photographed by the
photographing means and include the images each
associated with the position information by the
position information assigning means and for storing
the video and items of the position information
20 associated with the frames of the video in a storage
means; and

transmitting means for transmitting the video and
the items of position information associated with the
25 frames included in the video, which are stored in the
storage means.

9. A program for causing a mobile communication terminal to operate as;

receiving means for receiving a video which includes frames each associated with position information for specifying the acquired position, and items of the position information;

position information acquiring means for acquiring position information;

searching means for specifying, among the items of position information received by the receiving means, the position information corresponding to the position information acquired by the position information acquiring means to specify the frame of the video associated with the specified position information; and

playback means for displaying the frame of the video specified by the searching means.

10. A program for causing a mobile communication terminal to operate as;

position information acquiring means for acquiring position information;

photographing means for acquiring images of field;

position information assigning means for associating each of the images, which are acquired by the photographing means in a predetermined time

interval, with the position information which is acquired by the position information acquiring means and specifies the position at which the image is acquired;

5 video generating means for generating a video including frames each associated with the position information concerning the acquired position, based on a plurality of images which are photographed by the photographing means and include the images each associated with the position information by the position information assigning means, and for storing the video and items of the position information associated with the frames of the video in a storage means;

15 searching means for specifying, among the items of position information stored in the storage means, the position information corresponding to the position information acquired by the position information acquiring means to specify the frame of the video associated with the specified position information; and
20 playback means for displaying the frame of the video specified by the searching means.